

## Tool Instruction Clutch Service Kit

4328857R1

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Tool Number: 11-729-05



0000478552

Figure 1. Clutch Service Kit

### Purpose

Essential tool kit used to service clutch and flywheel.

### Application(s)

International<sup>®</sup> T14 Transmission

## Application(s) (cont.)



**GOVERNMENT REGULATION:** Engine fluids (oil, fuel, and coolant) may be a hazard to human health and the environment. Handle all fluids and other contaminated materials (such as filters or rags) in accordance with applicable regulations. Recycle or dispose of engine fluids, filters, and other contaminated materials according to applicable regulations.



**WARNING:** To prevent personal injury and / or death, or damage to property, read all safety instructions in the “Safety Information” section of the *Engine Service Manual* or *Engine Diagnostic Manual*.



**WARNING:** To prevent personal injury and / or death, or damage to property, park vehicle on hard flat surface, turn the engine off, set the parking brake, and install wheel chocks to prevent the vehicle from moving in either direction.






**WARNING:** To prevent personal injury and / or death, always wear safe eye protection when performing vehicle maintenance.



**WARNING:** To prevent personal injury and / or death, or damage to property, inspect tool for wear / damage prior to use. Replace any worn or damaged components as necessary.




## Tool Contents

Table 1

Image	Tool Number	Qty	Description
 <p>0000478549</p>	11-729-05-01	1	Clutch Alignment Tool
 <p>0000478550</p>	11-729-05-02	1	Clutch Handler Adapter
 <p>0000478553</p>	11-729-05-03	1	Flywheel Handler

## Tool Contents (cont.)

Table 1. (cont.)

Image	Tool Number	Qty	Description
 <p>0000478551</p>	11-729-05-04	1	M10 Guide Pin Set
 <p>0000478554</p>	11-729-05-05	1	M20 Guide Pin Set
 <p>0000160075</p>	4328857R1	1	Tool Instructions

## Tool Contents (cont.)



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**Figure 2. Clutch Service Tool Kit**

1. M20 pins – 11-729-05-05 (2)
2. Cotter pins (2)
3. Clutch handler adapter – 11-729-05-02
4. Flywheel handler – 11-729-05-03
5. M10 pins – 11-729-05-04 (2)
6. Clutch alignment tool – 11-729-05-01

## Instructions

**IMPORTANT: Please reference International® Service Portal<sup>SM</sup> regarding any possible revisions to this document.**

1. Refer to appropriate Service Manual for detailed instructions.

## Instructions (cont.)

### Tool Installation:



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**Figure 3. Clutch Kit Assembly**

1. 1/2-in x 13-TPI bolt
2. 1/2-in flat washer

## Instructions (cont.)



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**Figure 4. Clutch Kit Assembly**

1. Clutch Handler Adapter

## Instructions (cont.)



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**Figure 5. Clutch Kit Assembly**

1. Clutch Alignment Tool

## Instructions (cont.)



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**Figure 6. Clutch Kit Assembly**

### 1. Clutch Alignment Tool

1. Due to variations in clutch handlers, an optional clutch handler adapter (Figure 4, Item 1) is included. If clutch handler adapter (Figure 4, Item 1) will not interface with your clutch handler, then locally sourced hardware can be used in its place. If required, use a 1/2-in x 13-TPI bolt (Figure 3, Item 1) of appropriate length for proper thread engagement with a 1/2-in flat washer (Figure 3, Item 2) to secure clutch alignment tool (Figure 5, Item 1) and flywheel handler (not pictured) to your clutch handler.

## Care and Maintenance

- Keep tools clean and free of contaminants.
- Replace any damaged components.

## Contact Information

If you would like to order additional tools or need replacement parts, please refer to the Navistar Service Tool Catalog. If you have questions, concerns, or feedback, please contact Navistar Service Tool Support Center:

- Submit a Service Tool iKnow Case File.
- Phone: 800-365-0088 (toll free).